Microsoft Business Intelligence

Amy Uttendorf, BI Solution Specialist amyut@microsoft.com

What is BI?

Business intelligence (**BI**) is a business management term, which refers to applications and technologies that are used to gather, provide access to, and analyze data and information about company operations.

www.wikipedia.com

Reports

Scorecards

Dashboards

Key Performance Indicators

Volume, 2004 - YTD

Portals

Collaboration

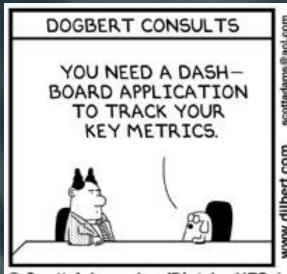
Analytics

Spreadsheets



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Give me a dashboard!



THAT WAY YOU'LL HAVE MORE DATA TO IGNORE WHEN YOU MAKE YOUR DECISIONS BASED ON COMPANY POLITICS.



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NASCIO - Priority Technologies, Applications and Tools Top 10 Final Ranking

- 1. Virtualization (storage, computing, data center)
- Document/Content/E-mail management (active, repository, archiving, digital preservation)
- 3. Legacy application modernization and upgrade (ERP)
- 4. Networking, voice and data communications, unified communications
- 5. Web 2.0 (services, collaboration technologies, social computing)
- 6. Green IT technologies and solutions
- 7. Identity and access management
- 8. Geospatial analysis and Geographic Information Systems (GIS)

9. Business Intelligence (BI) and analytics applications

10. Mobile workforce enablement



It's easy to get lost...



BI can make your information flow like water



Microsoft Business Intelligence for Government

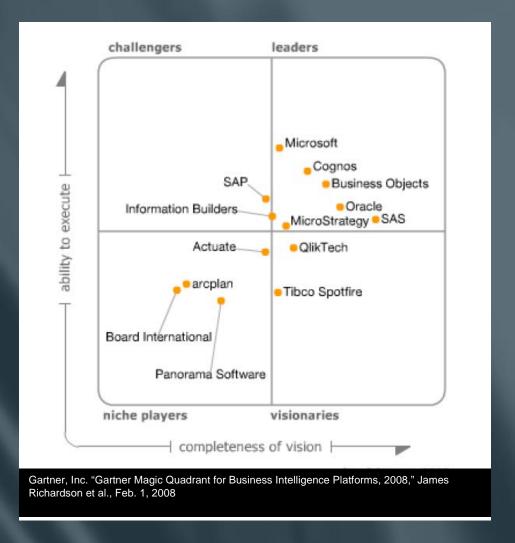
Microsoft Business Intelligence is a complete offering that enables all decision makers to drive increased performance in your government agency

- Integrated Business Intelligence
- Delivery of Business Intelligence through Microsoft Office
- Affordable (use what you own)
- The right information to the right people at the right time!





Microsoft's Commitment to Business Intelligence

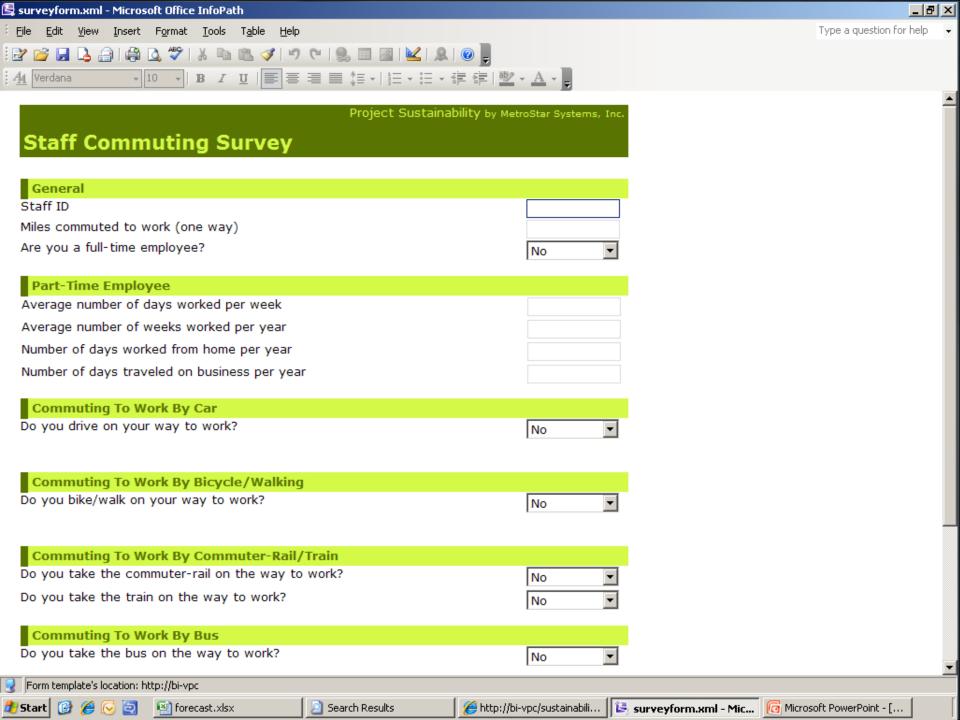


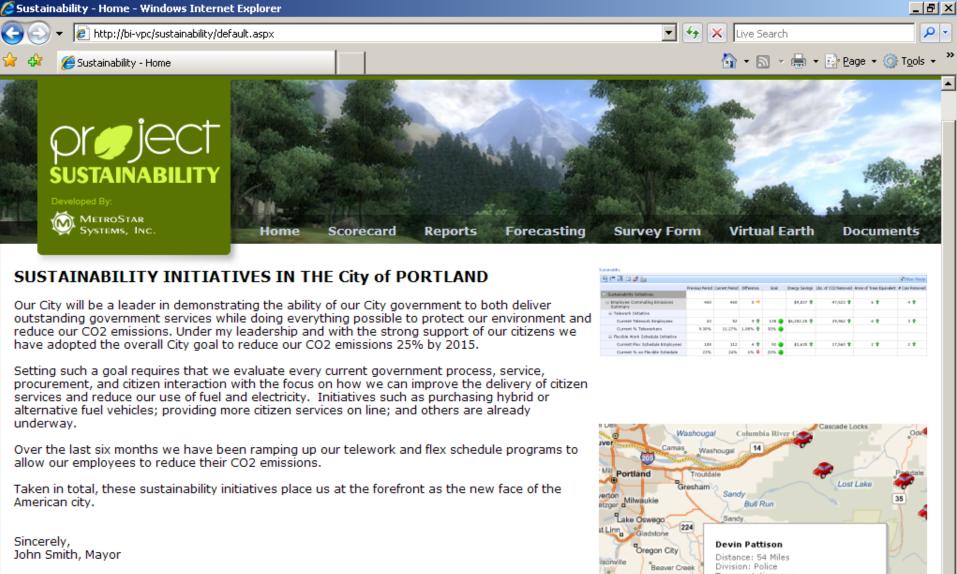
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"This Magic Quadrant graphic was published by Gartner, Inc. as part of a larger research note and should be evaluated in the context of the entire report. The Gartner report is available upon request from Jennifer Pisani, Microsoft."

What are other State Agencies doing?

Sustainability







🟉 Sustainability - Home...

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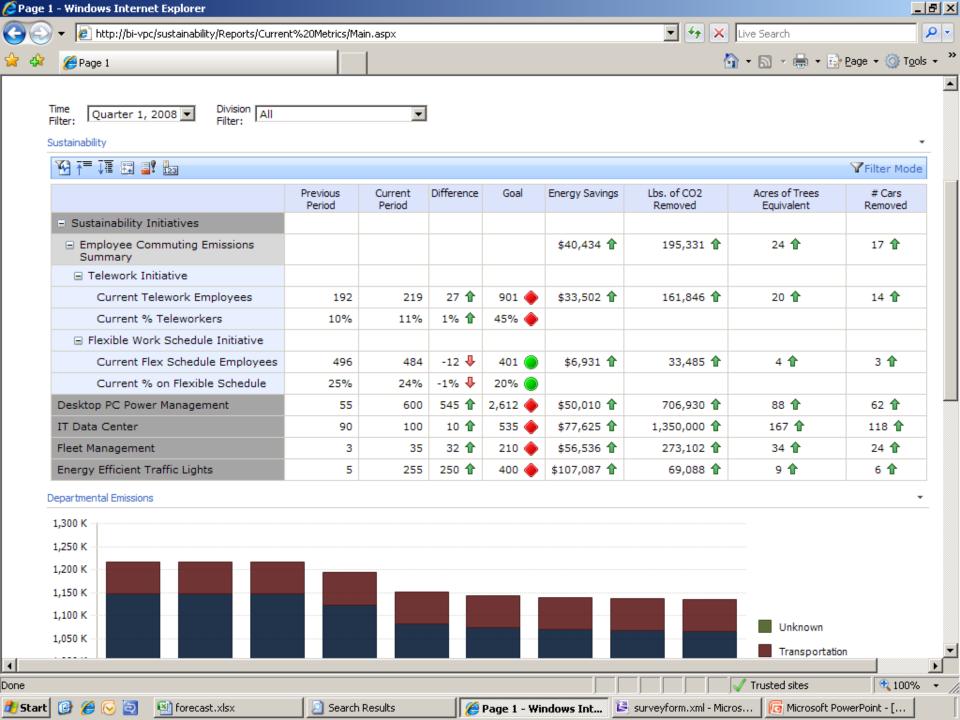
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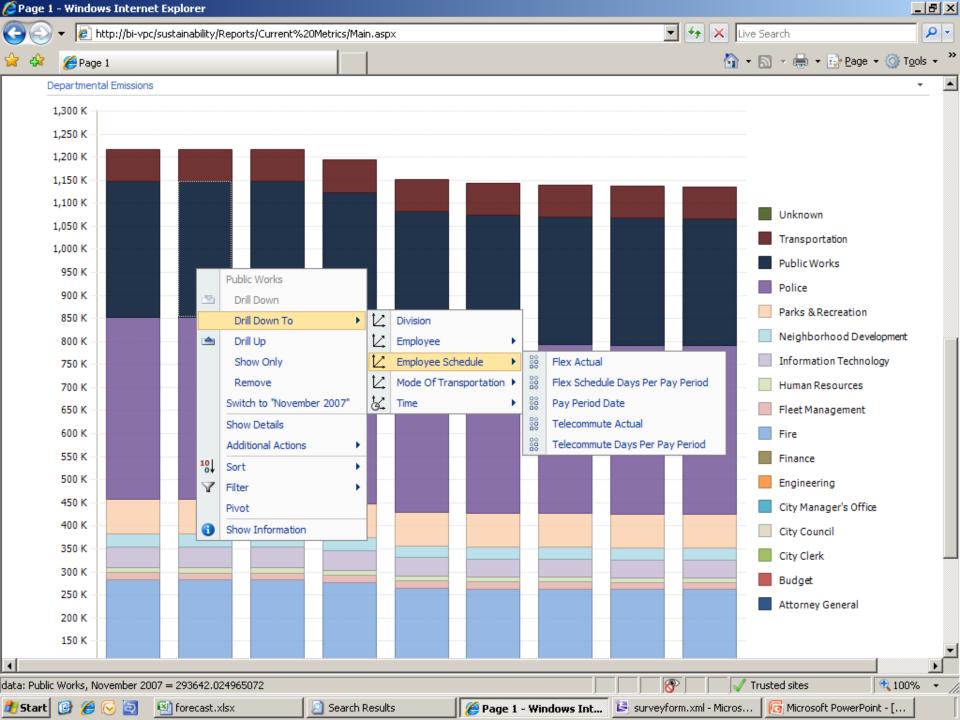
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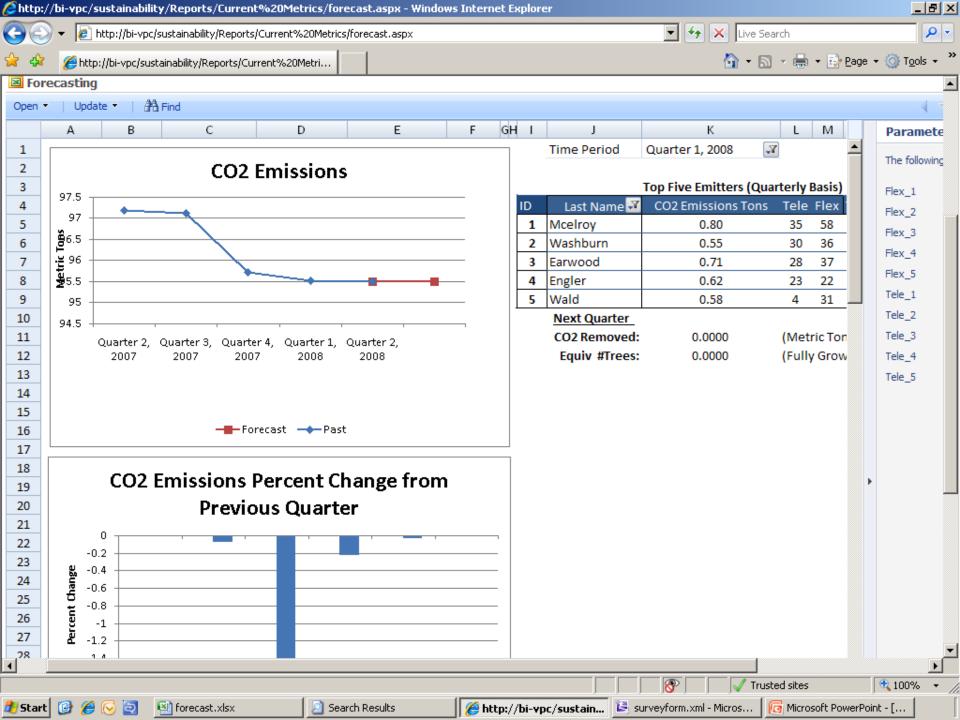
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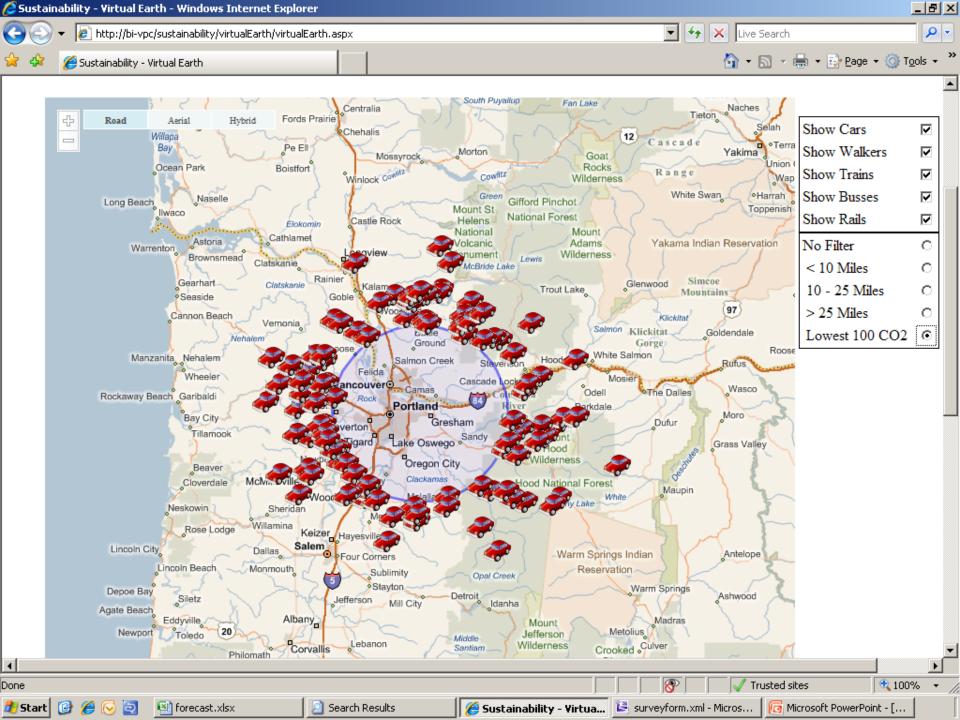
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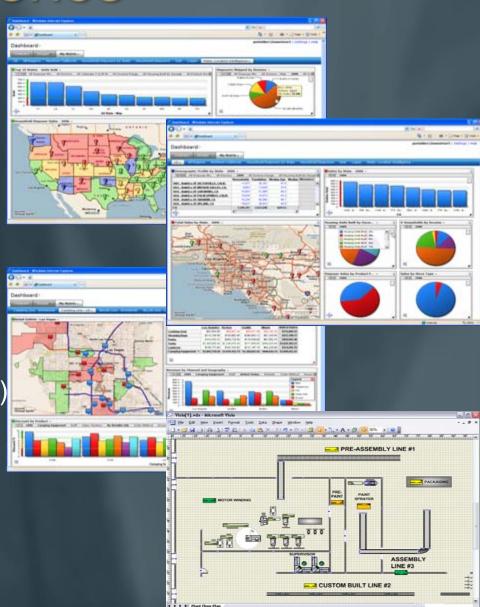






Location Intelligence

- Extremely useful for business insight... over 80% of business data records have a location component
- Navigate 'Location Data" with interactive maps fully integrated with SPS dashboards
- Patterns and relationships that would be obscure in tables and charts jump to life
- Virtual Earth (for geospatial data)
- Visio for internal world (plant/facility maps, workflow diagrams)



Home

BI Portal - Reports

Document Center

HOME

View All Site Content

BI Portal -Dashboards

- National Overview
- NJ State Overview
- NJ State ZIP Codes
- Chart Details
- Chart Details II

Reports

· Report Library

Internet Portal

MSN

Home



Improving Lives by Improving Transportation

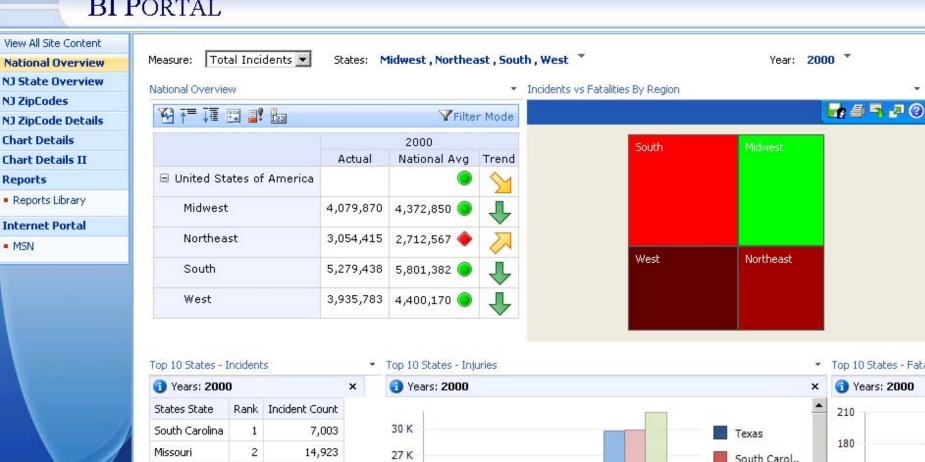
News

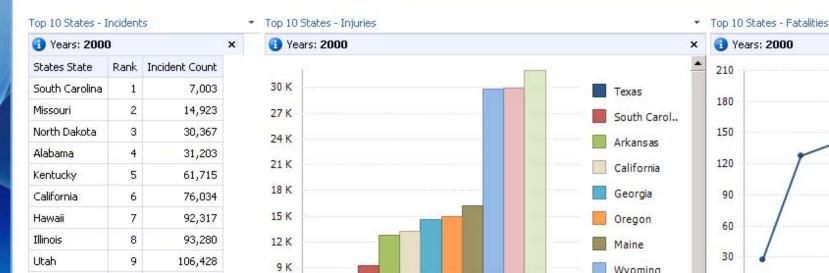
- NJDOT opens improved Route 70 and Massachusetts Avenue intersection in Toms River
- NJDOT announces new traffic pattern for Route 5 bridge in Palisades Park.
- NJDOT plans roadway rehabilitation on Route 78
- NJDOT to rehabilitate Haynes Avenue over Amtrak in Newark
- NJDOT to open Essex Street bridge in Lodi and Maywood
- NJDOT completes Route 46 Van Houten Avenue improvements
- NJDOT announces the 2008 Urban Gateway Enhancement Program



Reports Document Center BI Portal -Home

BI PORTAL



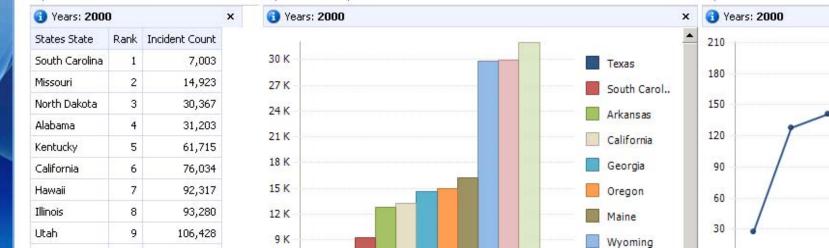




BI Portal -Reports Document Center Home

BI PORTAL

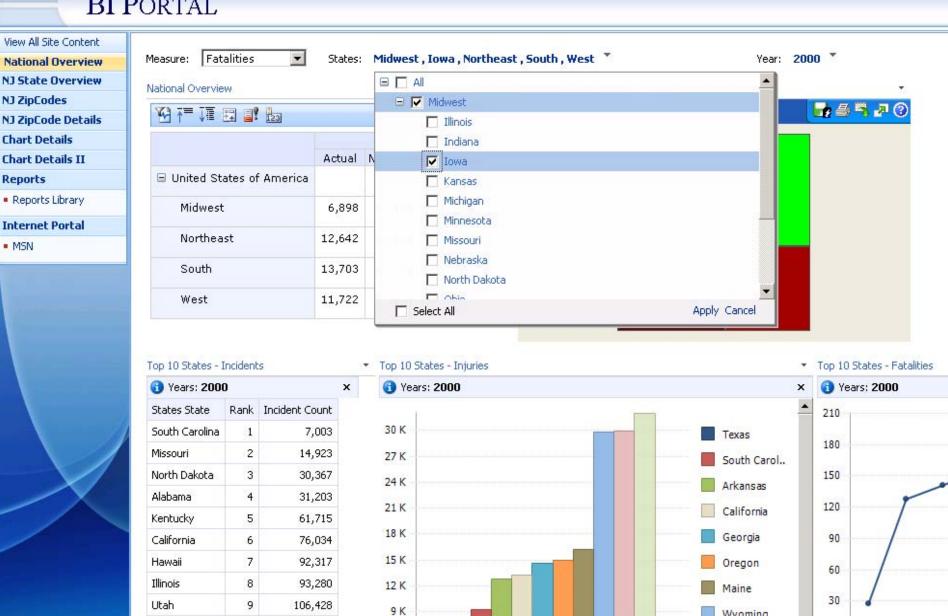






Home BI Portal -Reports Document Center

BI PORTAL





7

8

9

Hawaii

Illinois

Utah

92,317

93,280

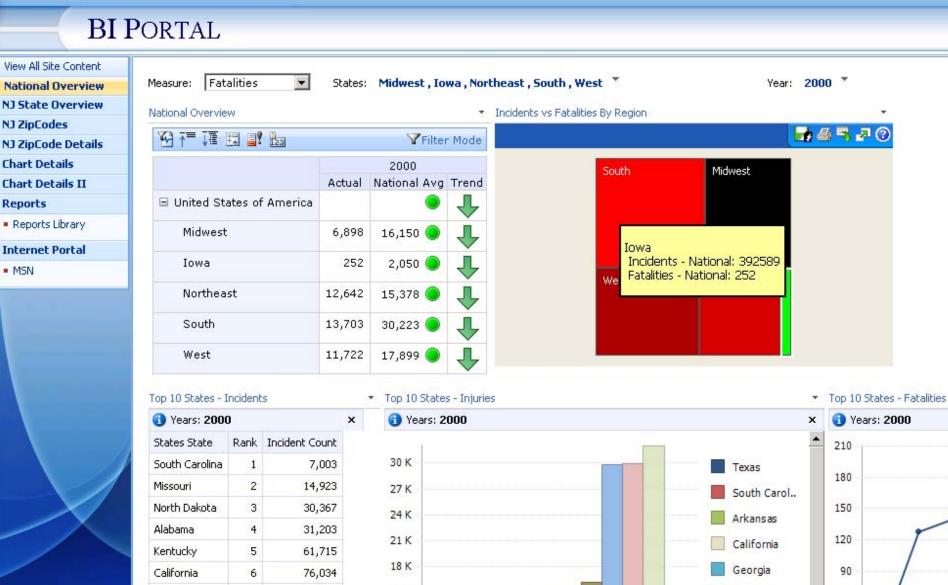
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Home BI Portal - Reports Document Center



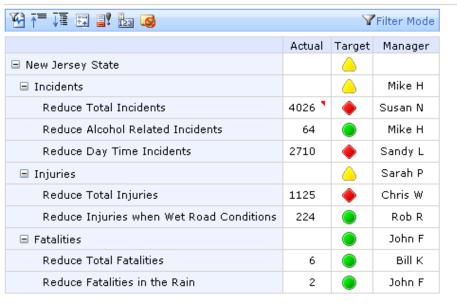
Oregon

Maine

60

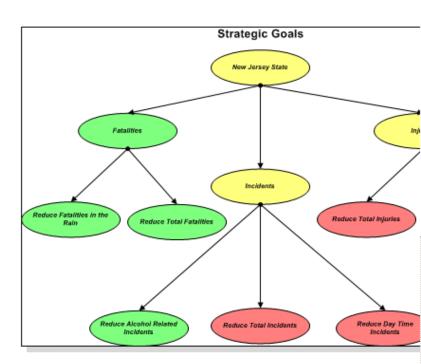
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NJOverview



Strategy Map







BI Portal + Reports **Document Center** Home

BI PORTAL

View All Site Content

National Overview

NJ State Overview

NJ ZipCodes

NJ ZipCode Details

Chart Details

Chart Details II

Reports

Reports Library

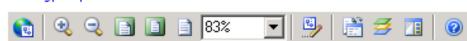
Internet Portal

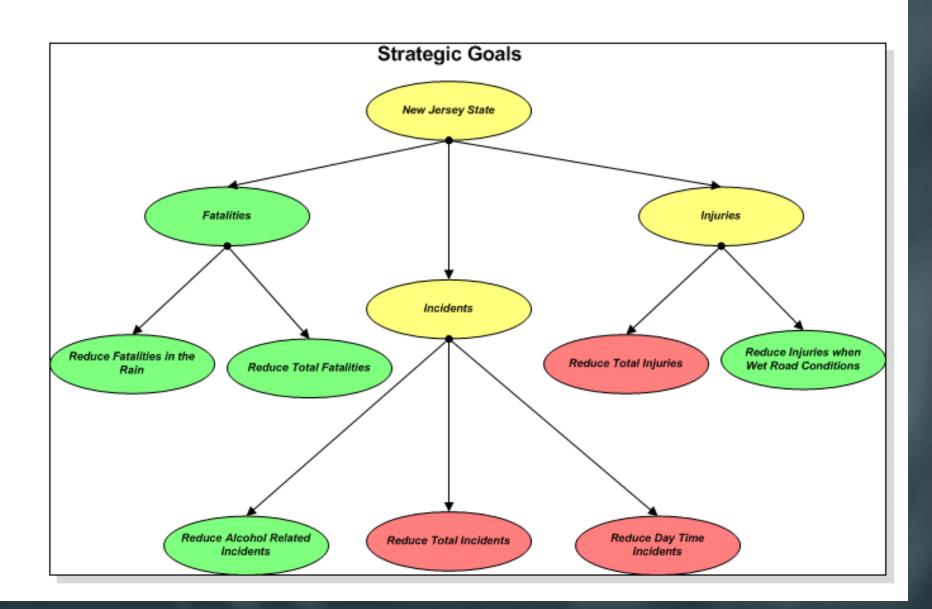
MSN

Time: 2000 *

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Table			Filter Mode
	Actual	Target	Manager
■ New Jersey State		<u> </u>	
☐ Incidents			Mike H
Reduce Total Incidents	4026	•	Susan N
Reduce Alcohol Related Incidents	64		Mike H
Reduce Day Time Incidents	2710	•	Sandy L
☐ Injuries			Sarah P
Reduce Total Injuries	1125	•	Chris W
Reduce Injuries when Wet Road Conditions	224		Rob R
☐ Fatalities			John F
Reduce Total Fatalities	6		Bill K
Reduce Fatalities in the Rain	2		John F







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BI PORTAL

View All Site Content

National Overview

NJ State Overview

NJ ZipCodes

NJ ZipCode Details

Chart Details

Chart Details II

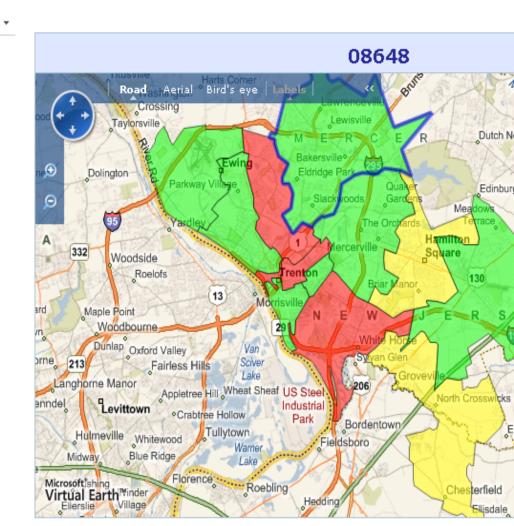
Reports

Reports Library

Measure: Total Incidents ▼ Time: 2000 ▼

ZipCodes

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	Actual	Target	Trend	
08608	381	154 🔷	1	
08609	917	820 🔷	1	
08610	917	387 🔷	1	
08611	622	653 🔵	1	
08618	690	694 🔵	1	
08619	79	204 🔵	1	
08620	51	23 🦲	\Rightarrow	
08638	270	225 🔷	1	
08648	14	25 🔵	1	
08690	139	134 🦲	1	





Home BI Portal - Reports Document Center

BI PORTAL

View All Site Content

National Overview

NJ State Overview

NJ ZipCodes

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Chart Details II

Reports

2015 CO. 101

Reports Library

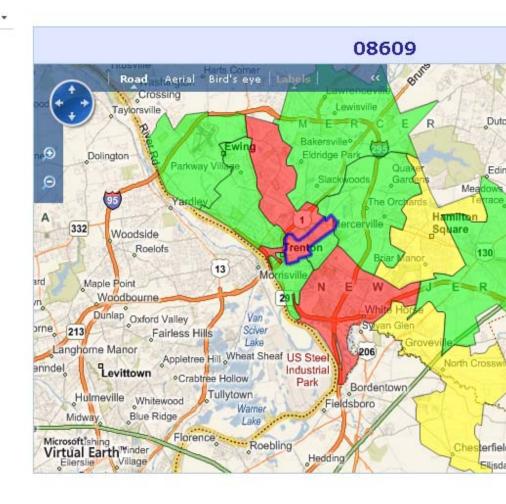
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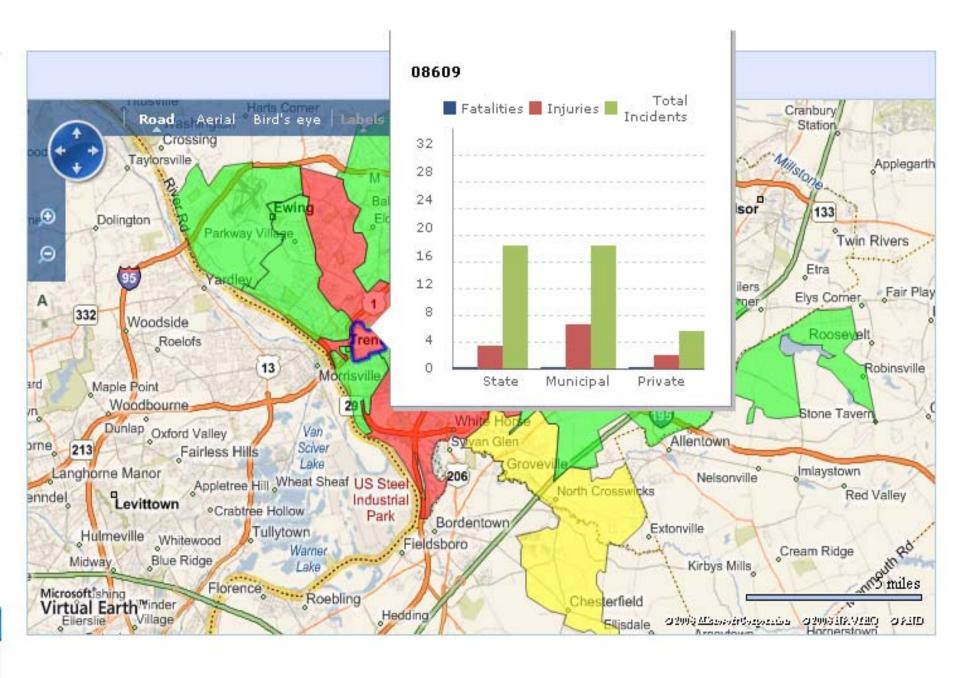
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Measure:	Total Incidents 💌	Time:	2000

ZipCodes

	2000		
	Actual	Target	Trend
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08611	622	653 🔵	1
08618	690	694 🔵	1
08619	79	204 🔵	1
08620	51	23 🦲	
08638	270	225 🤷	1
08648	14	25 🔵	1
08690	139	134 🦲	1
08691	176	199 🔵	J





Microsoft BI: 'Just Do It in Excel'



By David Hatch and Andrew Stamer TechNewsWorld 01/08/09 10:12 AM PT

Print Version

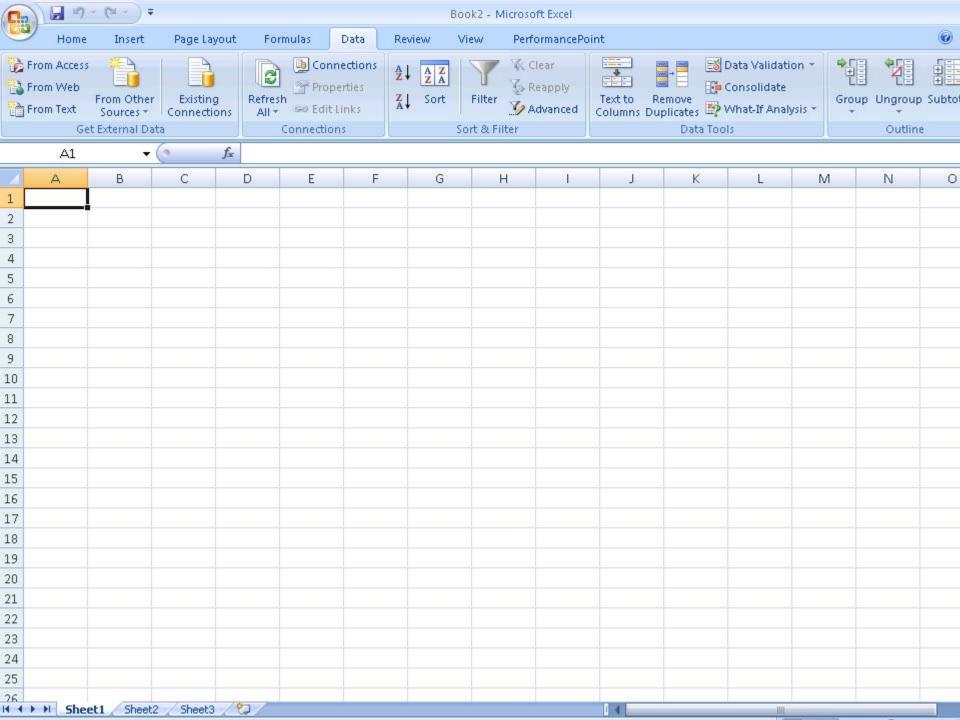
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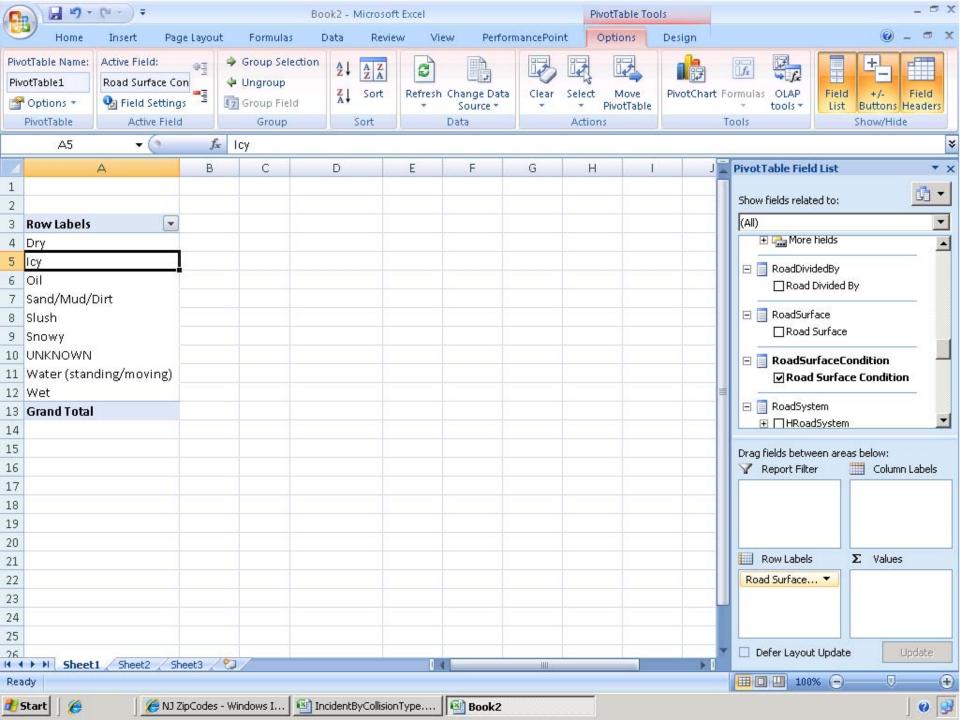
Reprints

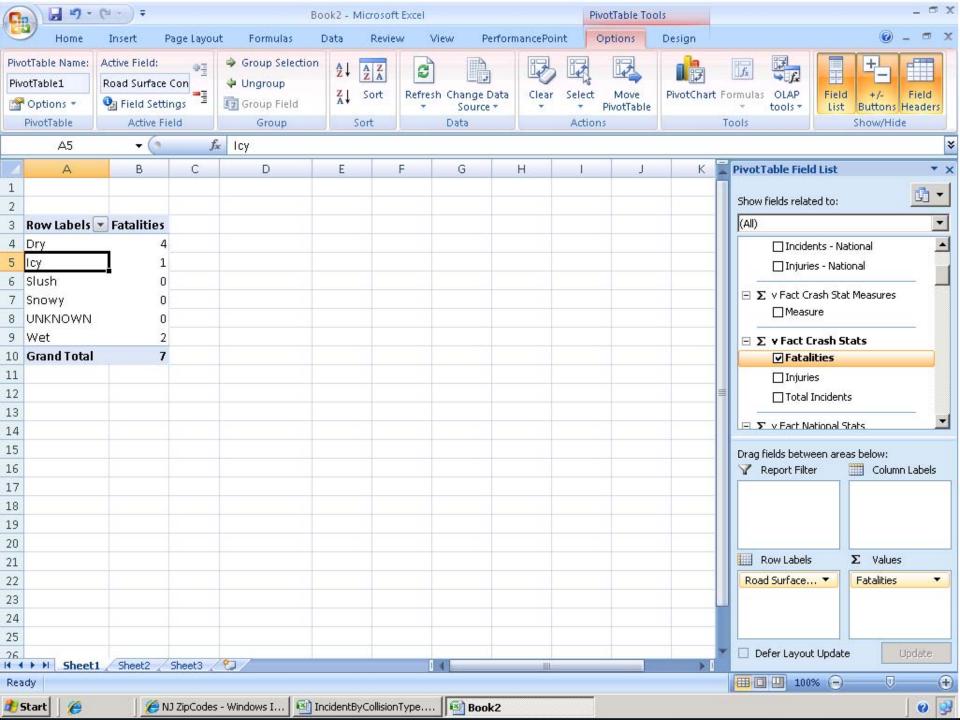
While enterprises tend to use powerful and dedicated software for business intelligence functions, many users eventually migrate the data to the more comfortable confines of Excel. Microsoft is now bringing business

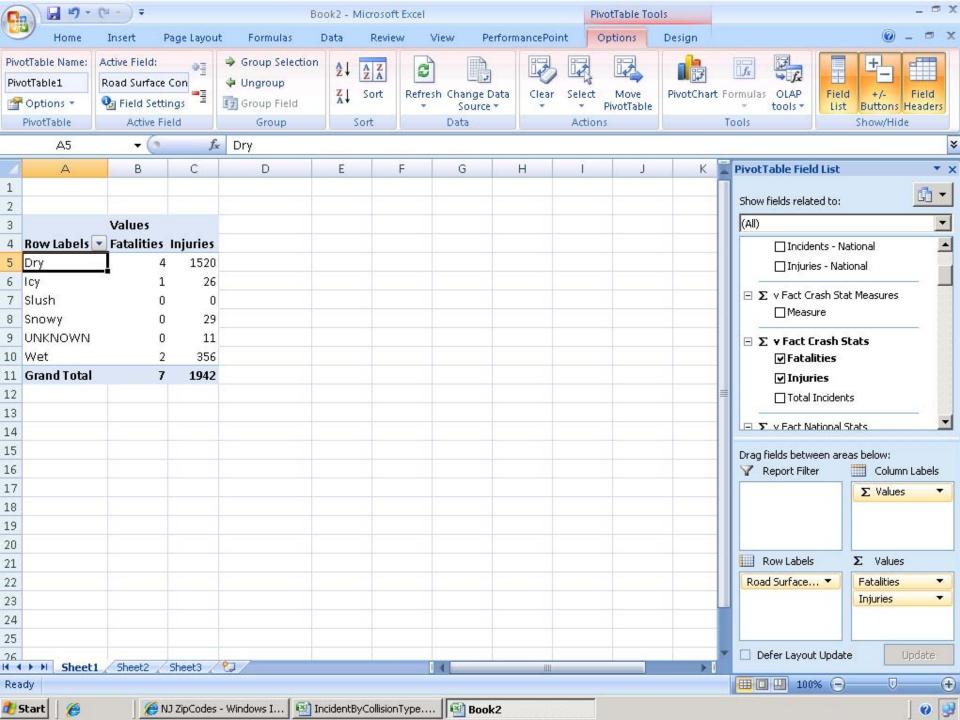
intelligence functions to Excel, a step business users might welcome.

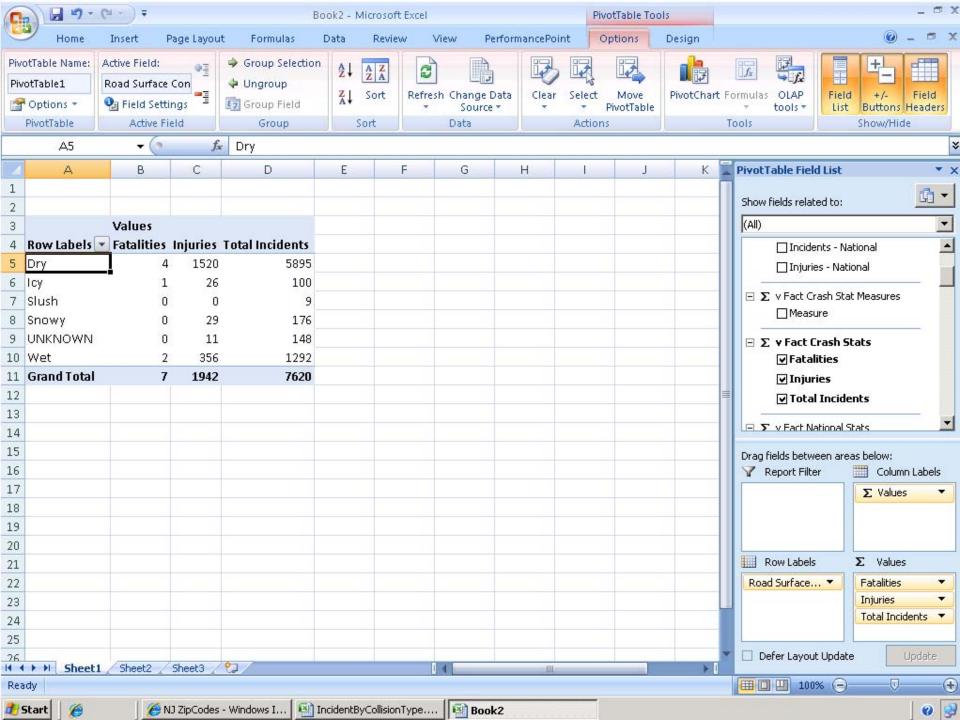
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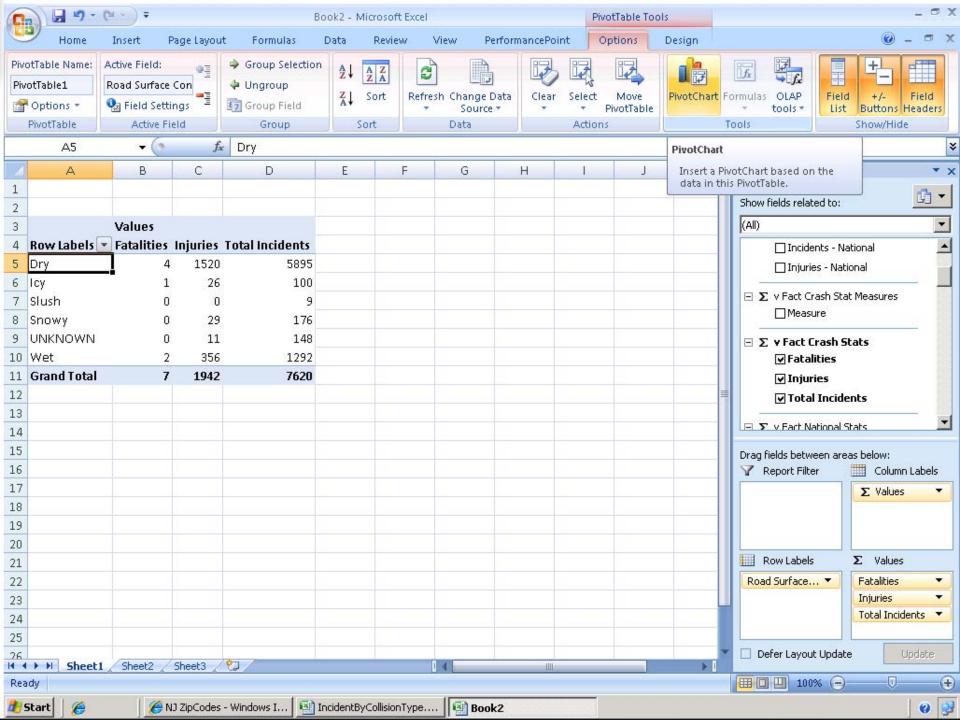


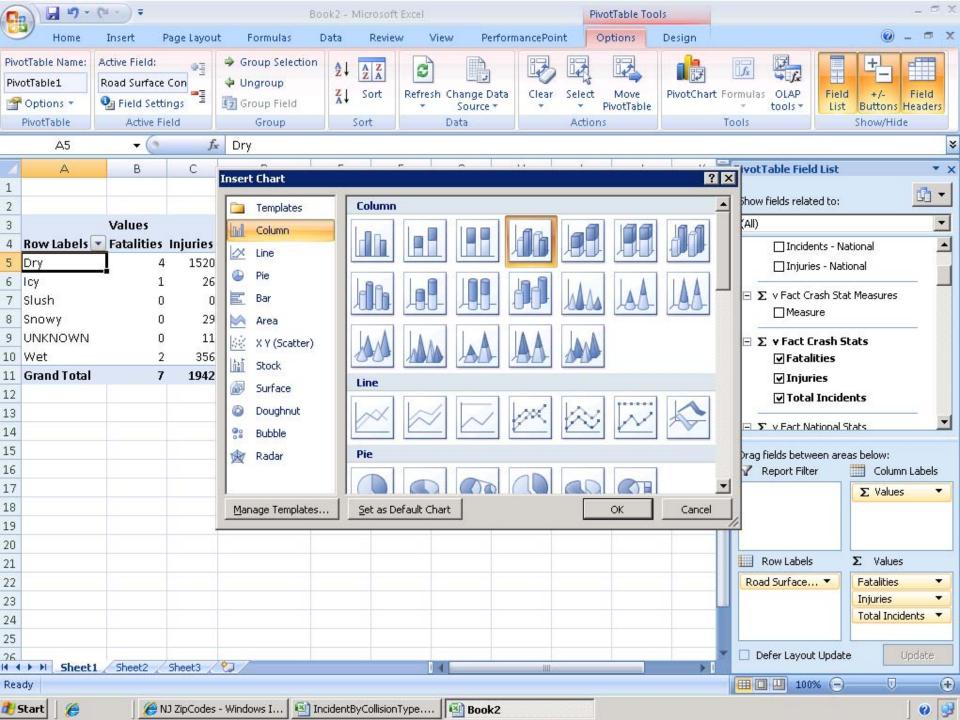


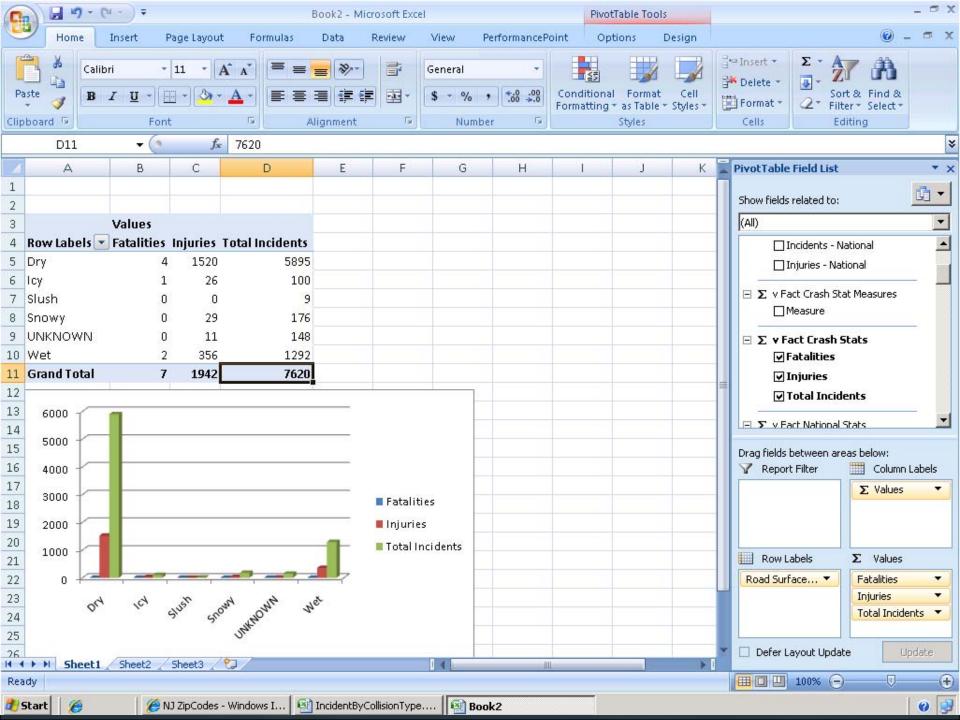


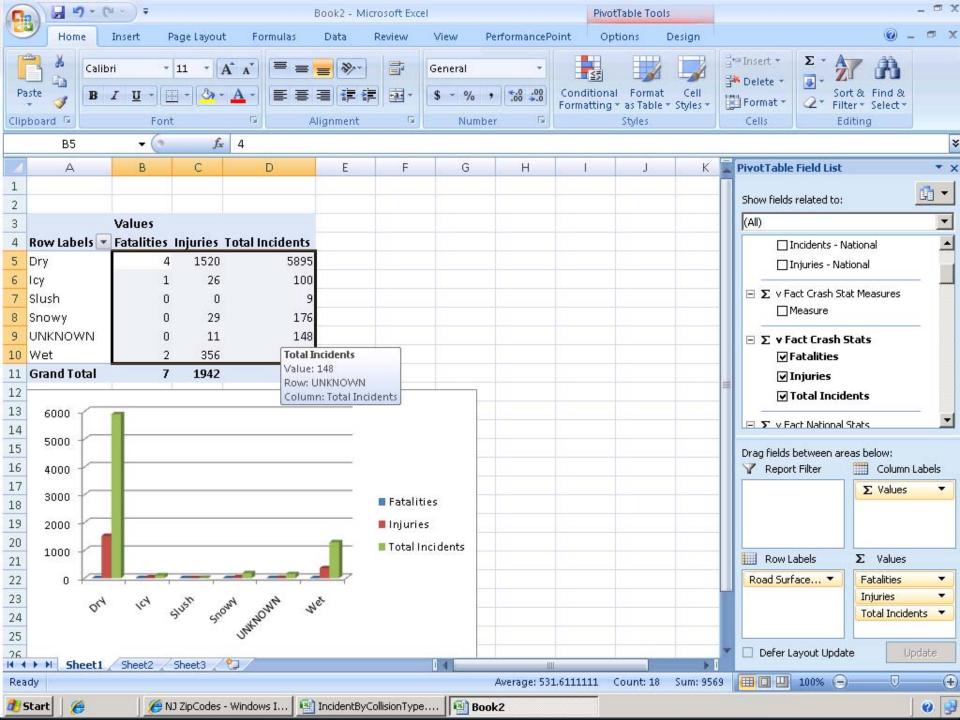


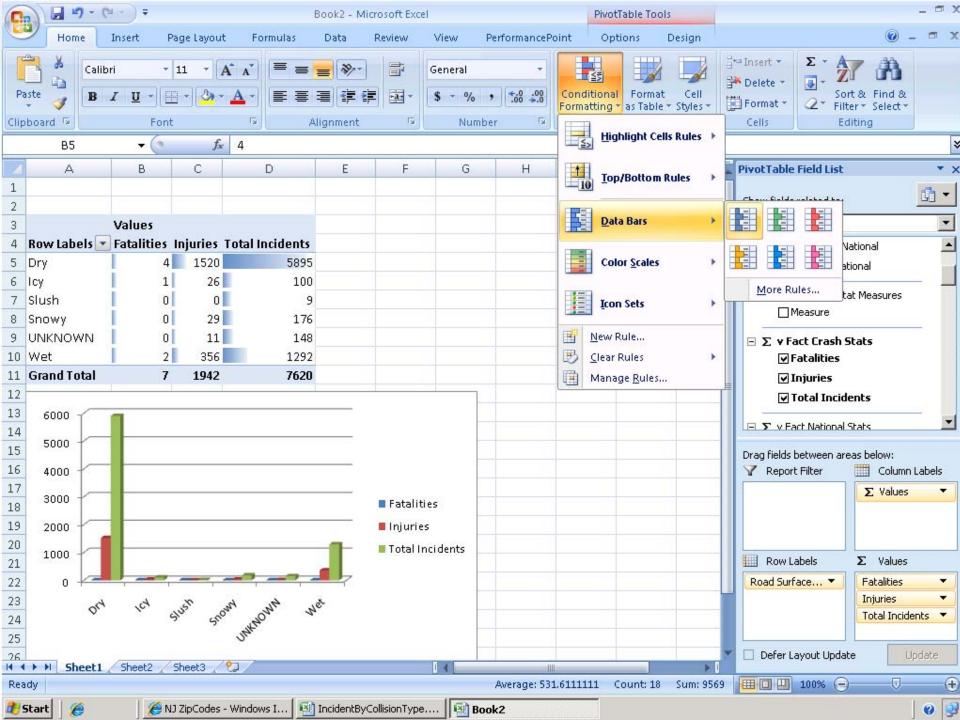


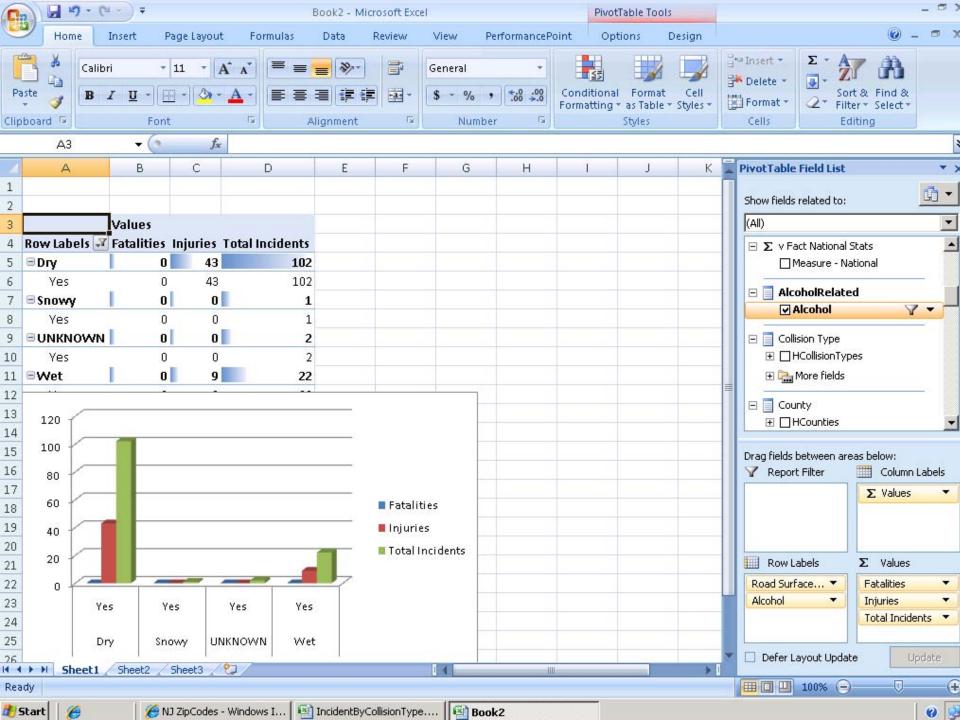


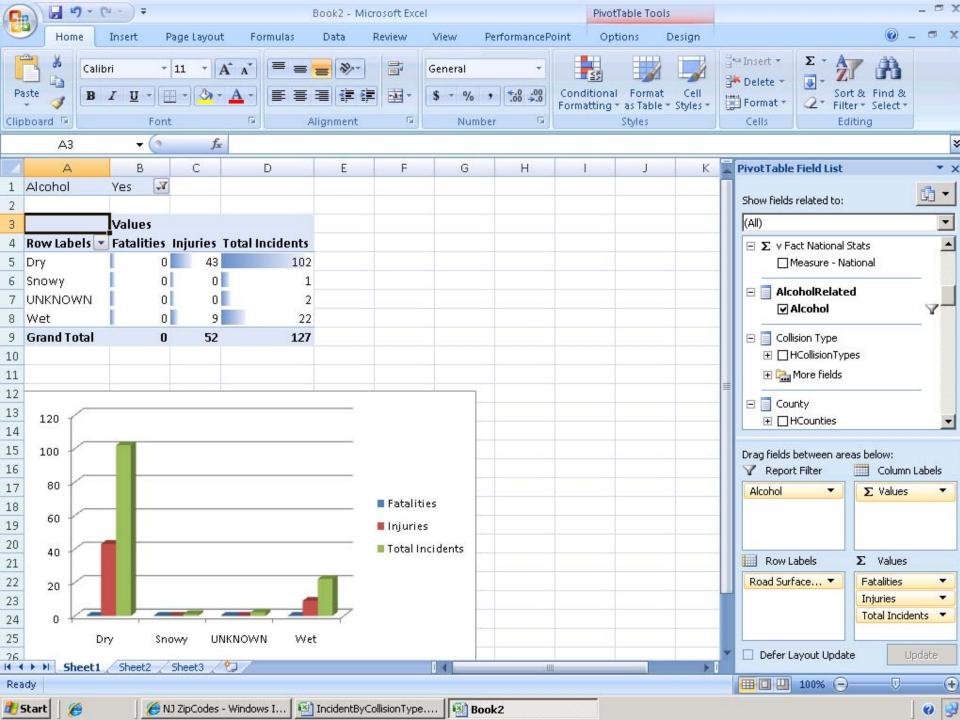












Big Changes



www.microsoft.com/bi

Open and integrated platform



Take advantage of what you own